

		1		50
Mss	(1)	-----MDMALASKASPPWNATAAEQPIPKRDKAAA-----		
Pss	(1)	MAASIGALKSSPSSNNCINERRNDSTRAVSSRNLSFSSHLAGDKLMPVS		
Consensus	(1)	L A AS	A K AA	
		51		
Mss	(32)	-----NDSTYLNQAHDSVLGIILGGGA		100
Pss	(51)	SLRSQGVRFNVRSPMIVSPKAVSDSQNSQTCLDPDASRSVLGIILGGGA		
Consensus	(51)		N T L P A	SVLGIILGGGA
		101		150
Mss	(55)	GTRLYPLTKKRAKPAVPLGANRRLIDI PVSNCNSNISKIYVLTQFNSAS		
Pss	(101)	GTRLYPLTKKRAKPAVPLGANRRLIDI PVSNCNSNISKIYVLTQFNSAS		
Consensus	(101)	GTRLYPLTKKRAKPAVPLGANRRLIDI PVSNCNSNISKIYVLTQFNSAS		
		151		200
Mss	(105)	LNRHLSRAYGSNIGGYKNEGFVEVLAAQQSPDNPNWFQGTADAVRQYLWL		
Pss	(151)	LNRHLSRAYASNMGGYKNEGFVEVLAAQQSPENPDWFQGTADAVRQYLWL		
Consensus	(151)	LNRHLSRAYASNIGGYKNEGFVEVLAAQQSPDNPWFQGTADAVRQYLWL		
		201		250
Mss	(155)	FEEHNVMEFLILAGDHLYRMDYEKFIQAHRETNADITVAALPMDEKRATA		
Pss	(201)	FEETVLEYLILAGDHLYRMDYEKFIQAHRETDADITVAALPMDEKRATA		
Consensus	(201)	FEEH VLEFLILAGDHLYRMDYEKFIQAHRET ADITVAALPMDEKRATA		
		251		300
Mss	(205)	FGLMKIDEEGRIIEFAEKPKGEQLKAMMVDTTILGLDDVRAKEMPIASM		
Pss	(251)	FGLMKIDEEGRIIEFAEKPKGEQLQAMKVDTTILGLDDKRAKEMPIASM		
Consensus	(251)	FGLMKIDEEGRIIEFAEKPK GEQL AM VDTTILGLDD RAKEMPIASM		
		301		350
Mss	(255)	GIYVFSKDVMLQLLREQFPEANDFGSEVIPGATSIGKRVQAYLYDGYWED		
Pss	(301)	GIYVISKDVMLNLLRDKFPGANDFGSEVIPGATSLGMRVQAYLYDGYWED		
Consensus	(301)	GIYV SKDVMLNLLRD FP ANDFGSEVIPGATSIG RVQAYLYDGYWED		
		351		400
Mss	(305)	IGTIAAFYANLGITKKPIPDFSFYDRFAPIYTQPRHLPPSKVLDADVT		
Pss	(351)	IGTIEAFYANLGITKKPVPDFSFYDRSAPIYTQPRYLPPSKMLDADVT		
Consensus	(351)	IGTI AFYANLGITKKPIPDFSFYDR APIYTQPRHLPPSKMLDADVT		
		401		450
Mss	(355)	SVIGEGCVIKNCKINHSVVGRLSCISEGAIIEDSLLMGADYYETADKKL		
Pss	(401)	SVIGEGCVIKNCKIHSVVGRLSCISEGAIIEDSLLMGADYYETDADRKL		
Consensus	(401)	SVIGEGCVIKNCKI HSVVGRLSCISEGAIIEDSLLMGADYYETDADKKL		
		451		500
Mss	(405)	LAEKGGIPIGIGKNSCIRRAIIDKNARIGDNVKILNADNVQEAAETDGY		
Pss	(451)	LAAKGSPPIGIGKNCHIKRAIIDKNARIGDNVKIINKDNVQEAAETDGY		
Consensus	(451)	LA KG IPIGIGKN IKRAIIDKNARIGDNVKIIN DNVQEAA ETDGY		
		501	521	
Mss	(455)	FIKGGIVTVIKDALLPSGTVI		
Pss	(501)	FIKSGIVTVIKDALIPSGIII		
Consensus	(501)	FIK GIVTVIKDALIPSG II		

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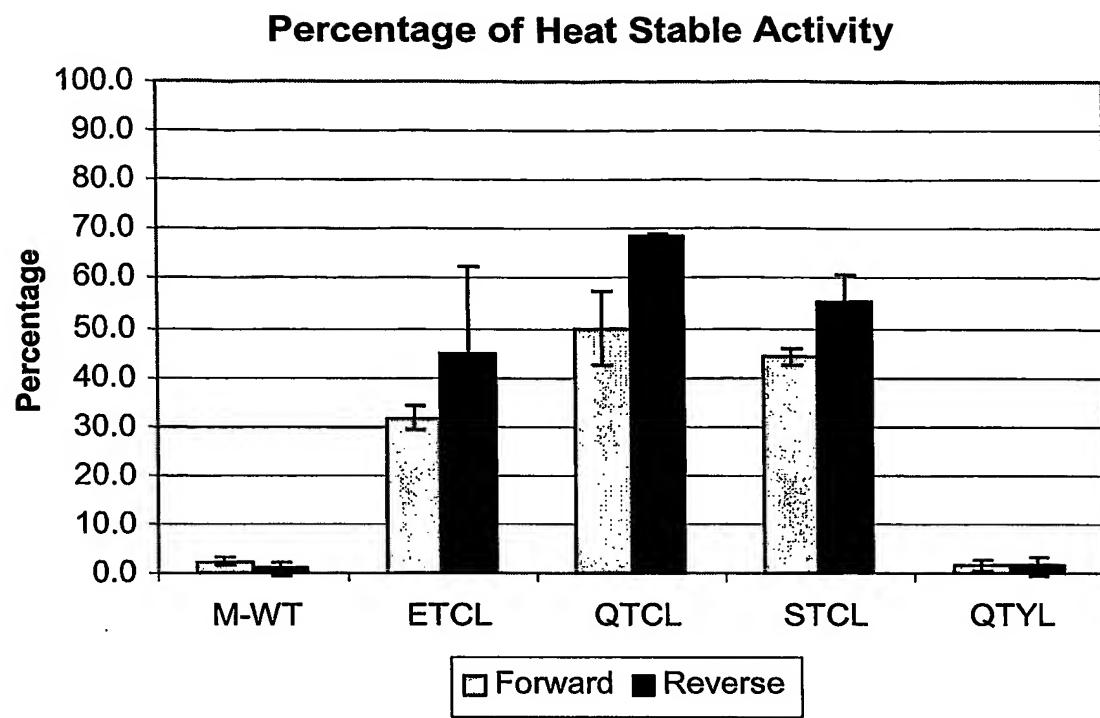


FIG. 2

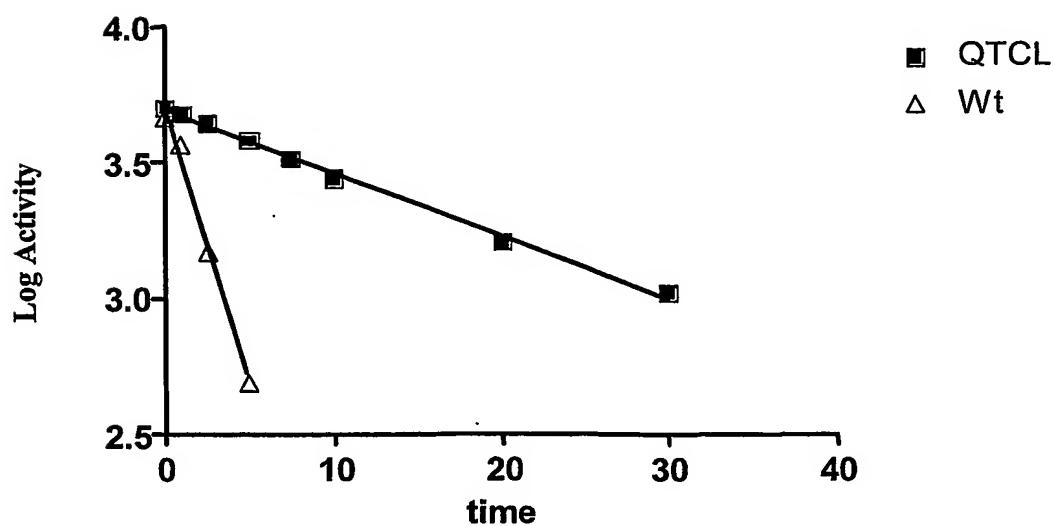


FIG. 3A

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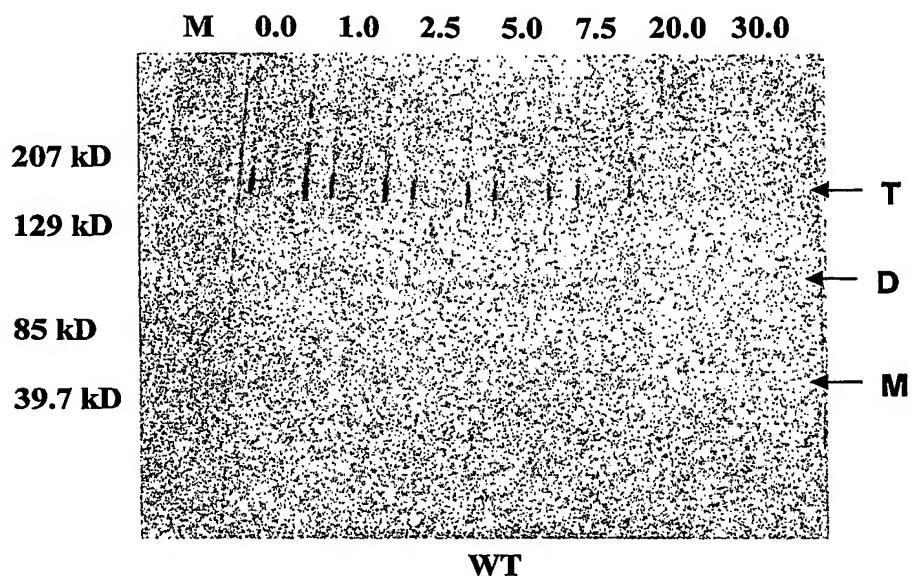


FIG. 3B

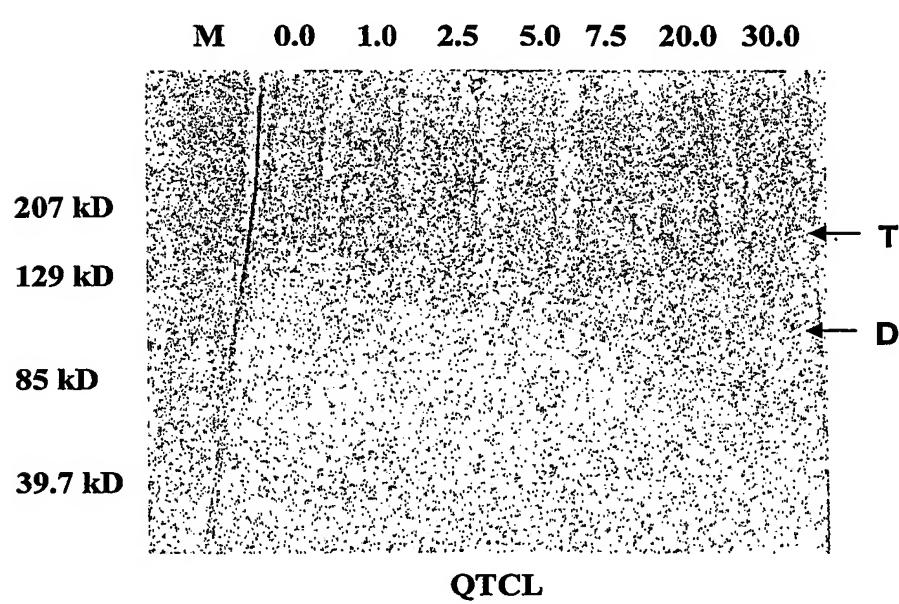


FIG. 3C

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